

Notes from the 11/22/05 MI BPM Upgrade Meeting

Agenda:

Misc. hardware: Cable Requisition (183724) for MIBPM system cables has been placed. Charlie recommended holding off on purchasing Optologic boxes. He is working with Dawn to get the UDP software fixed. Bob Forster is in the process of preparing requisition for air dam modules. Seven non-combining Combiner boxes were fabricated using parts returned by the vendor. It was decided that the project will require 3 spares. New parts must be ordered to fabricate these spares which are not necessary until March. Thirty combiner boxes are available for installation.

Transition board report: Glen Johnson completed the layout design and obtained a quote to fabricate 5 PC boards. Three of them will be assembled and tested. Later, full order will be placed. It was decided that we should prepare requisitions for the full order of PC boards and board fabrication soon. Manfred made another measurement at MI30 and he is confident about progressing to MI40. The setup at MI40 will not include the controller card for now. Stefano began working on the Transition board firmware and associated controller card. At Manfred's request, Bob Forster will work on putting together the requisition for the VME half backplane for the transition module cage.

Timing Board status: It was discovered last week that VME Transition card at the back of the TFG card is of wrong size. The replacement order will be placed today. A second TFG card will be ready next week.

PMUCUD card for MVME 5500: Charlie reported that the firmware related to Technobox was modified by Craig to bypass unused phase-lock loop to work with MVME 5500 and the ACnet functionality is working fine. The requisition for these items is ready to be placed.

Software status - Luciano/Steve: Will work on Diagnostics and ACNet devices. Functional software will be available in 2.5 weeks.

EchoTek issues: Bob Webber will work with Peter and Charlie to figure out the EchoTek issue before experimenting at FCC test stand and getting FPGA experts involved.

MI-40 status: Charlie will install an SCSI type remote boot box at MI40. After the meeting, Dave Capista assigned 412 BPM in house 44. He will take care of the operational issues related to removing this BPM from application programs.